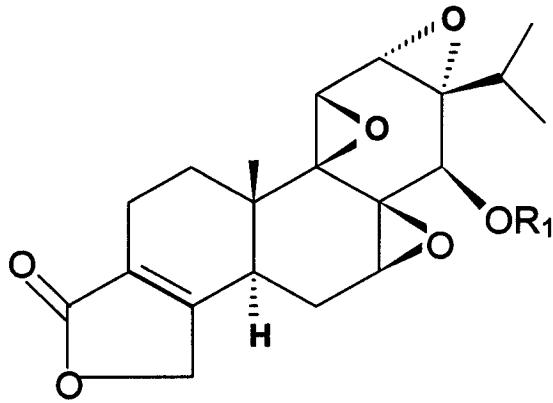


**CLAIMS**

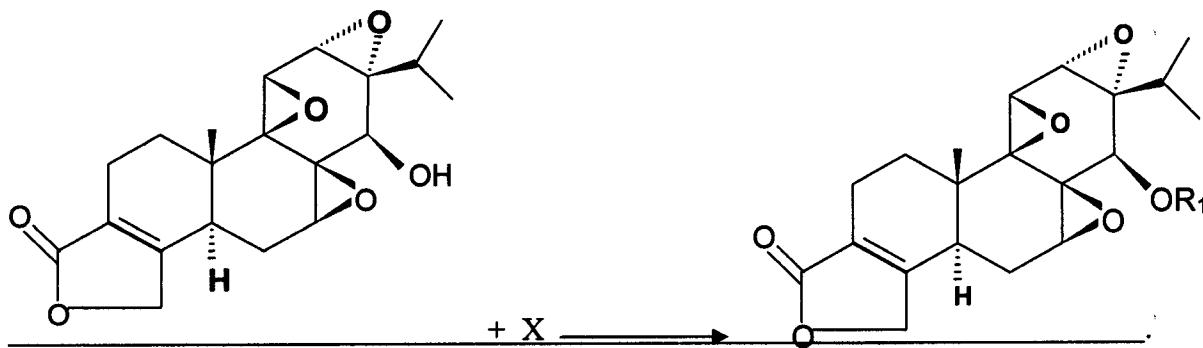
**Claim 1 (previously presented):** A triptolide derivative of formula I



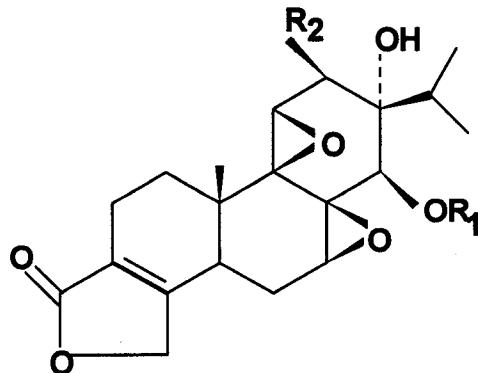
I

wherein R1 is  $[[H,]]$  phosphate ( $-P(OH)(Ox_1)Ox_2$ ), or phosphite ( $-P(OH)_2Ox_1$ ), and X<sub>1</sub> and X<sub>2</sub> are Na, K, or NH<sub>4</sub>.

**Claim 2 (currently amended):** A method for preparation of the compound according to claim 1, comprising the step of reacting the first lead compound triptolide with X, X being POCl<sub>3</sub>, PCl<sub>3</sub> or other phosphonate halide, phosphate, phosphite halide, phosphite as shown by the following formula:



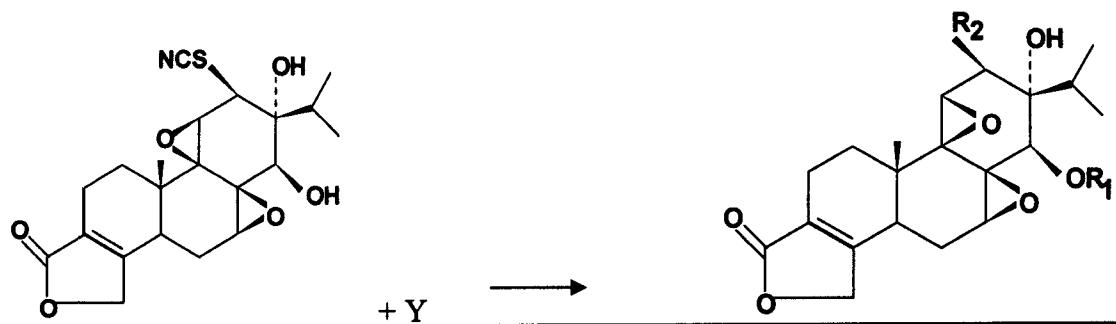
**Claim 3 (currently amended):** A triptolide derivative of formula II



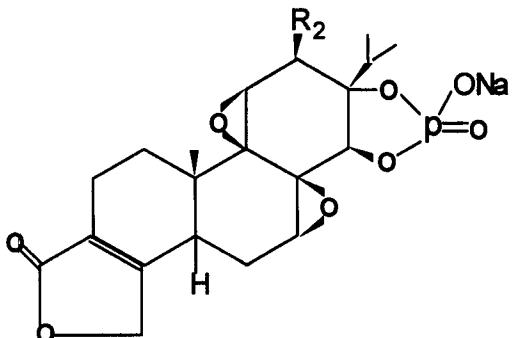
II

wherein  $R_1$  is alkyl having 1-4 carbon atom(s),  $\text{C}(\text{=O})(\text{CH}_2)_n\text{CO}_2$  or  $\text{C}(\text{=O})(\text{CH}_2)_n\text{CO}_2\text{H}$ , wherein  $n$  is an integer of 1-4, or phosphate ( $\text{P}(\text{O}_x)_2$ ), or phosphite ( $\text{P}(\text{O}_x)_3$ ), wherein  $\text{X}_1$  and  $\text{X}_2$  are  $\text{Na}$ ,  $\text{K}$ , or  $\text{NH}_4$ ; and wherein  $R_2$  is  $\text{H}$ ,  $-\text{SCN}$ ,  $-\text{Cl}$  or  $-\text{Br}$ .

**Claim 4 (currently amended):** A method for preparation of of preparing the compound according to claim 3, comprising the step of esterifying the a second lead compound 12- $\beta$ -thiocyanato-13- $\alpha$ -hydroxy triptolide with Y, Y being succinic anhydride to obtain the compound of formula II as shown by the following formula:



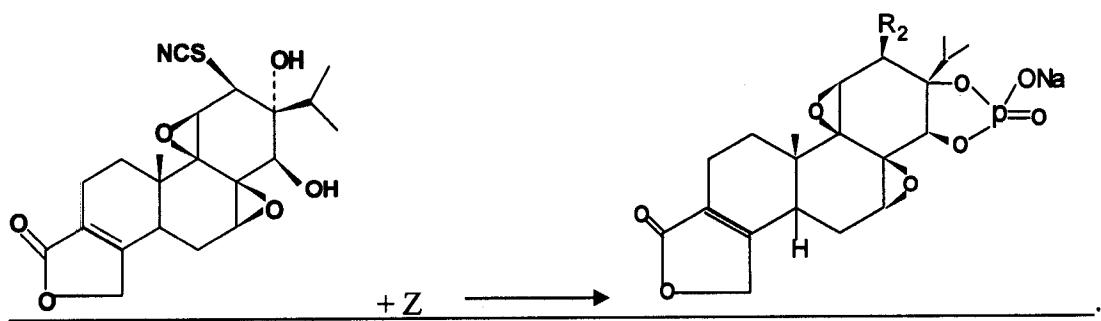
**Claim 5 (previously presented):** A triptolide derivative of formula IIIa



IIIa

wherein R<sub>2</sub> is H, SCN, Cl or Br.

**Claim 6 (currently amended):** A method for preparation of of preparing the compound according to claim 5, comprising the step of reacting the second lead compound 12- $\beta$ -thiocyanato-13- $\alpha$ -hydroxy triptolide with Z, Z being  $\text{POCl}_3$  or other phosphonate halide, phosphate, phosphite and the like as shown by the following formula:



**Claim 7 (Currently amended):** The compound of claim 5 wherein said compound is used in the preparation of medicament as immunosuppressive agent or anti-inflammatory agent A method for treatment of prevention of inflammatory diseases, comprising administrating the compounds according to claim 5 to a subject.

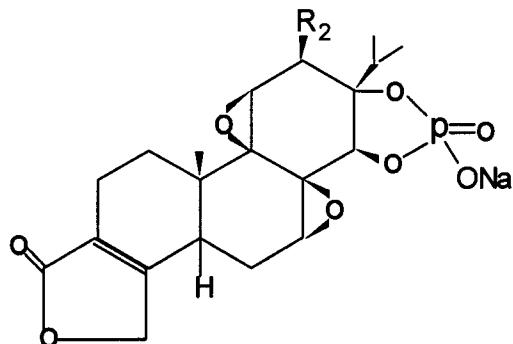
**Claim 8 (Canceled)**

**Claim 9 (Canceled)**

**Claim 10 (Currently amended):** The use method according to claim 9 7, wherein said diseases are selected from the group consisted of rheumatoid wherein the inflammatory disease is arthritis, asthma, systemic lupus erythematosus, psoriasis, multiple sclerosis, atherosclerosis, type I diabetes, and nephritis.

**Claim 11 (currently amended):** The use according to claim 7, wherein said immuno-suppressive agent or anti-inflammatory agent is used in the A method for prevention of organ rejection and prolongation of the survival time of transplanted organ in organ transplantation comprising administrating the compounds according to claim 5 to a subject.

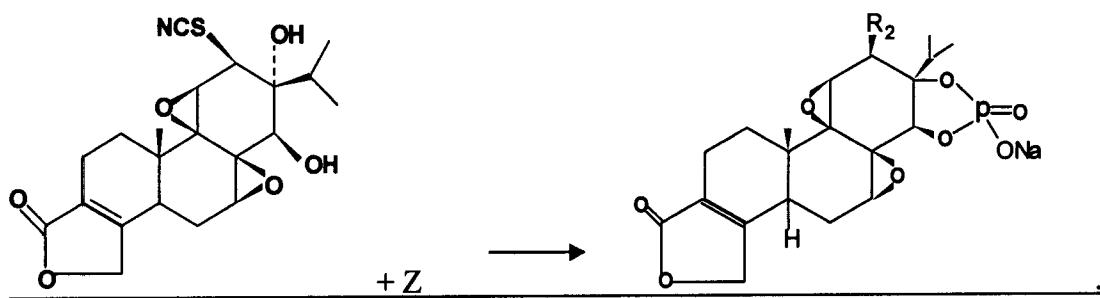
**Claim 12 (previously presented):** A triptolide derivative of formula IIIb



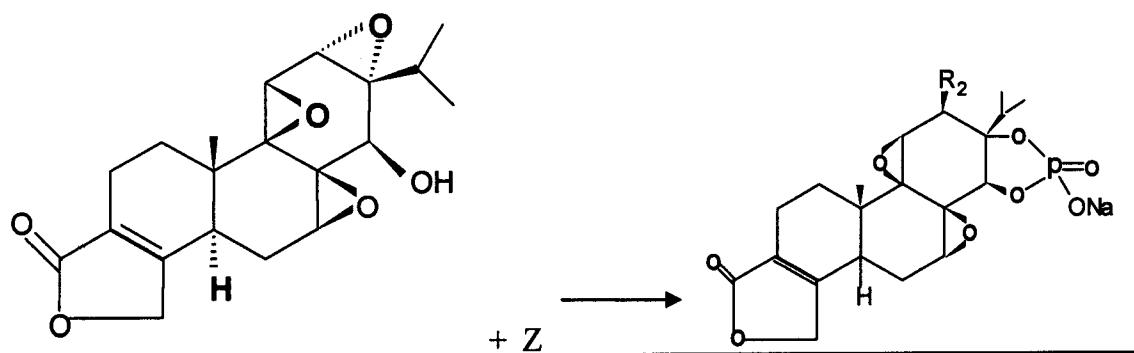
IIIb

wherein R<sub>2</sub> is H, SCN, Cl or Br.

**Claim 13 (Currently amended):** A method for preparation of of preparing the compound according to claim 12, comprising the step of reacting the second lead compound 12- $\beta$ -thiocyanato-13- $\alpha$ -hydroxy triptolide with Z, Z being POCl<sub>3</sub> or other phosphonate halide, phosphate, phosphite and the like as shown by the following formula:



, or the step of reacting the first lead compound triptolide with Z, Z being  $\text{POCl}_3$  or other phosphonate halide, phosphite halide and the like as shown by the following formula:



**Claim 14 (Currently amended):** ~~The compound of claim 12 wherein said compound is used in the preparation of medicament as immunosuppressive agent or anti-inflammatory agent~~ A method for treatment of prevention of inflammatory diseases, comprising administrating the compounds according to claim 12 to a subject.

**Claim 15 (Canceled)**

**Claim 16 (Canceled)**

**Claim 17 (Currently amended):** The use method according to claim 16 14, wherein said diseases are selected from the group consisted of rheumatoid wherein the inflammatory disease is arthritis, asthma, systemic lupus erythematosus, psoriasis, multiple sclerosis, atherosclerosis, type I diabetes, and nephritis.

**Claim 18 (new):** The use according to claim 14, wherein said immuno suppressive agent or anti inflammatory agent is used in the A method for prevention of organ rejection and prolongation of the survival time of transplanted organ in organ transplantation comprising administrating the compounds according to claim 12 to a subject.

**Claim 19 (currently amended):** The compound of claim 3 wherein said compound is used in the preparation of medicament as immuno suppressive agent or anti inflammatory agent A method for treatment of prevention of inflammatory diseases, comprising administrating the compounds according to claim 3 to a subject.

**Claim 20 (Canceled)**

**Claim 21 (Canceled)**

**Claim 22 (new):** The use method according to claim 21 19, wherein said diseases are selected from the group consisted of rheumatoid wherein the inflammatory disease is arthritis, asthma, systemic lupus erythematosus, psoriasis, multiple sclerosis, atherosclerosis, type I diabetes, and nephritis.

**Claim 23 (new):** The use according to claim 19, wherein said immuno suppressive agent or anti inflammatory agent is used in the A method for prevention of organ rejection and prolongation of the survival time of transplanted organ in organ transplantation comprising administrating the compounds according to claim 3 to a subject.

**Claim 24 (Canceled)**

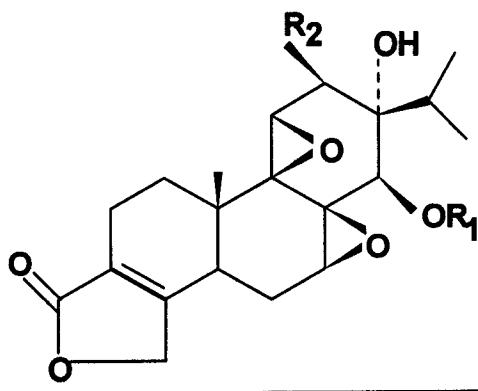
**Claim 25 (Canceled)**

**Claim 26 (Canceled)**

**Claim 27 (Canceled)**

**Claim 28 (Canceled)**

**Claim 29 (Currently amended):** ~~The compound according to Claim 3 A triptolide derivative of formula II~~



wherein R<sub>1</sub> is one of a

phosphate (  $-\text{P}(\text{Ox}_1\text{Ox}_2)$  ) or a phosphite (  $-\text{P}(\text{Ox}_1\text{Ox}_2)\text{H}$  ) and wherein X<sub>1</sub> and X<sub>2</sub>

are Na or K or NH<sub>4</sub> and R<sub>2</sub> is H or SCN or Cl or Br.

**Claim 30 (Currently amended):** ~~The compound of claim 29 wherein said compound is used in the preparation of medicament as immunosuppressive agent or anti-inflammatory agent A method for treatment of prevention of inflammatory diseases, comprising administrating the compounds according to claim 29 to a subject.~~

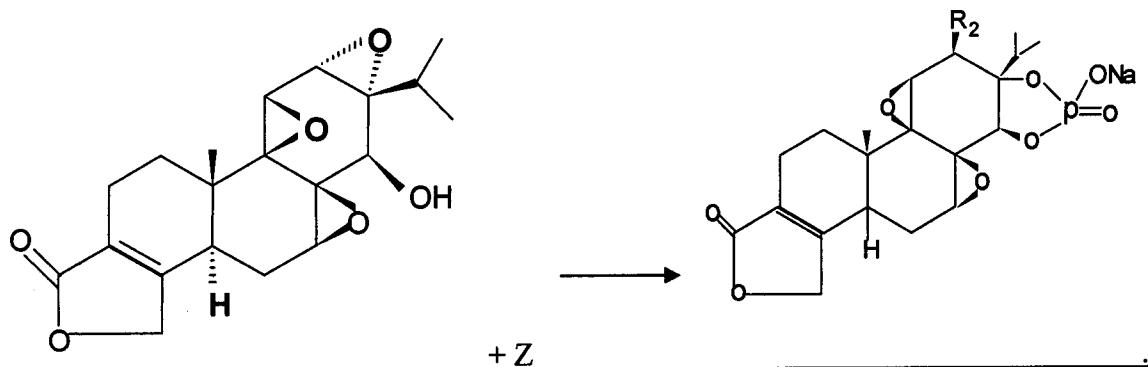
**Claim 31 (Canceled)**

**Claim 32 (Canceled)**

**Claim 33 (Currently amended):** The use method according to claim 32 30, wherein said diseases are selected from the group consisted of rheumatoid wherein the inflammatory disease is arthritis, asthma, systemic lupus erythematosus, psoriasis, multiple sclerosis, atherosclerosis, type I diabetes, and nephritis.

**Claim 34 (Currently amended):** The use according to claim 30, wherein said immuno suppressive agent or anti inflammatory agent is used in the A method for prevention of organ rejection and prolongation of the survival time of transplanted organ in organ transplantation comprising administrating the compounds according to claim 29 to a subject.

**Claim 35 (currently amended):** A method for preparation of of preparing of the compound according to claim 5, comprising the step of reacting the first lead compound triptolide with Z, Z being  $\text{POCl}_3$ , or other phosphonate halide, phosphate halide and the like as shown by the following formula:



**Claim 36 (new) :** A method for preparation of of preparing the compound according to claim 3, comprising the step of phosphoric esterifying the second lead compound 12- $\beta$ -thiocyanato-13- $\alpha$ -hydroxy triptolide with X, X being  $\text{POCl}_3$ ,  $\text{PCl}_3$ , phosphonate halide, phosphate, phosphite halide, or phosphate to obtain the compound of formula II as shown by the following formula:

